

ABSTRACT OF THE DISCLOSURE

A circuit board with a boundary scan self-testing function comprises a substrate, a plurality of devices under test and an active testing device. The active testing device mounted the substrate can conduct circuit testing
5 on the plurality of devices under test, and self-testing is allowed without employing any external testing equipment. The testing data of the active testing device is transmitted through a predetermined test route on the circuit board. Each of the devices under test is completely tested of all designated functions in either series connection or parallel connection with
10 each other. The testing can help find out whether the devices have any defects.